

12. (Newly added) The optical device of claim 9, wherein said at least a portion of said flexible sensor array comprises at least two points located on an edge of said flexible sensor array.

13. (Newly added) The optical device of claim 9, wherein said at least two points are located on different edges of said flexible sensor array.

14. (Newly added) The optical device of claim 9, further comprising a support element wherein said at least one portion of said flexible sensor array is fixed to said support element and said support element forms said flexible sensor array to said shape of said focal surface.

15. (Newly added) The optical device of claim 9, wherein said flexible sensor array comprises at least one photosensitive element mounted on a flexible structure.

16. (Newly added) The optical device of claim 15, wherein said flexible structure has a thickness which ranges from about 1 micrometer to about 0.1 millimeters.

17. (Newly added) The optical device of claim 9, wherein said flexible sensor array comprises a photodiode line.

18. (Newly added) The optical device of claim 9, wherein said imaging device comprises a grating.

19. (Newly added) The optical device of claim 9, wherein said focal surface is defined by a Rowland Circle.--